

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> NBU 1022-6H1BS			
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES			
<b>4. TYPE OF WELL</b> Gas Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> NATURAL BUTTES			
<b>6. NAME OF OPERATOR</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.						<b>7. OPERATOR PHONE</b> 720 929-6515			
<b>8. ADDRESS OF OPERATOR</b> P.O. Box 173779, Denver, CO, 80217						<b>9. OPERATOR E-MAIL</b> julie.jacobson@anadarko.com			
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU-01195			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>			
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>			
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1060 FNL 90 FEL	NENE	6	10.0 S	22.0 E	S
Top of Uppermost Producing Zone	1433 FNL 456 FEL	SENE	6	10.0 S	22.0 E	S
At Total Depth	1433 FNL 456 FEL	SENE	6	10.0 S	22.0 E	S

<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 866		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 577	
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 557		<b>26. PROPOSED DEPTH</b> MD: 10353 TVD: 10303	
<b>27. ELEVATION - GROUND LEVEL</b> 5079		<b>28. BOND NUMBER</b> WYB000291		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 43-8496	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	11	8.625	0 - 2500	28.0	J-55 LT&C	0.2	Type V	180	1.15	15.8
							Class G	270	1.15	15.8
Prod	7.875	4.5	0 - 10353	11.6	HCP-110 LT&C	12.5	Premium Lite High Strength	310	3.38	12.0
							50/50 Poz	1510	1.31	14.3

**ATTACHMENTS**

**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Gina Becker		<b>TITLE</b> Regulatory Analyst II		<b>PHONE</b> 720 929-6086	
<b>SIGNATURE</b>		<b>DATE</b> 05/29/2013		<b>EMAIL</b> gina.becker@anadarko.com	
<b>API NUMBER ASSIGNED</b> 43047538110000		<b>APPROVAL</b> <div style="text-align: center;">             Permit Manager         </div>			

**Found 1977 Brass Cap, Set Stone, Steel Post & Pile of Stones.**

**S89°53'00"E**  
**924.81' (Meas.)**

**S89°51'29"E**  
**1368.62' (Meas.)**

**S89°55'E - 73.83' (G.L.O.)**  
**W.C. S89°55'E**  
**0.80' (G.L.O.)**

**39.88' (G.L.O.)**  
**S89°51'51"E - 2579.53' (Meas.)**

**Found 1977 Brass Cap. Pile of Stones.**

**14.02' (G.L.O.)**  
**19.93' (G.L.O.)**  
**1/16 Cor. Found 1977 Brass Cap. Pile of Stones.**

**LOT 4**  
**LOT 3**  
**LOT 2**  
**LOT 1**

**Well Surface Position**  
**Bottom of Hole**

**1433'**  
**1060'**  
**90'**  
**456'**

**Found 1977 Brass Cap.**

**N0°29'W - 40.56' (G.L.O.)**  
**N00°26'48"W - 2677.38' (Meas.)**  
**21.47' (G.L.O.)**  
**19.09' (G.L.O.)**

**LOT 5**

**WELL LOCATION:**  
**NBU 1022-6H1BS**  
**ELEV. UNGRADED GROUND = 5083.3'**

**6**

**Found 1977 Brass Cap, Pile of Stones.**

**Found 1991 Aluminum Cap, Pile of Stones.**

**N0°28'W - 39.64' (G.L.O.)**  
**N00°25'59"W - 2614.79' (Meas.)**  
**13.79' (G.L.O.)**  
**20.23' (G.L.O.)**

**LOT 6**  
**LOT 7**

**NBU 1022-6H1BS (Surface Position)**  
**NAD 83 LATITUDE = 39.982343° (39° 58' 56.434")**  
**LONGITUDE = 109.473564° (109° 28' 24.831")**  
**NAD 27 LATITUDE = 39.982378° (39° 58' 56.559")**  
**LONGITUDE = 109.472879° (109° 28' 22.365")**

**NBU 1022-6H1BS (Bottom Hole)**  
**NAD 83 LATITUDE = 39.981320° (39° 58' 52.752")**  
**LONGITUDE = 109.474856° (109° 28' 29.480")**  
**NAD 27 LATITUDE = 39.981355° (39° 58' 52.878")**  
**LONGITUDE = 109.474171° (109° 28' 27.015")**

**Found 1977 Brass Cap in Pile of Stones. Fence Post South of Cap.**

**Found 1991 Aluminum Cap, Pile of Stones.**

**Found 1991 Aluminum Cap, Pile of Stones.**

**N89°22'54"W - 2245.54' (Meas.)**  
**N89°24'W - 34.02' (G.L.O.)**  
**S89°41'37"W - 2641.02' (Meas.)**  
**S89°40'W - 40.02' (G.L.O.)**

**N00°34'50"W - 2629.48' (Meas.)**  
**39.85' (G.L.O.)**  
**N0°36'W - 80.18' (G.L.O.)**  
**N00°35'26"W (Basis of Bearings) 2661.54' (Measured)**

DATE SURVEYED: 8-9-12	SURVEYED BY: W.W.	SHEET NO:  <b>4</b>  4 OF 18
DATE DRAWN: 8-20-12	DRAWN BY: T.J.R.	
SCALE: 1" = 1000'	Date Last Revised:	